

10/592963

PTO/SB/06A (09-03)

Approved for use through 07/31/2006, OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	Not Yet Accorded
Filing Date	Not Yet Accorded
First Named Inventor	RAGHU N. BHATTACHARYA
Art Unit	Not Yet Accorded
Examiner Name	Not Yet Accorded
Attorney Docket Number	NREL IR 03-23

Sheet 1 of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 4,581,108	04/08/1986	KAPUR ET AL.	
	2	US- 4,612,411	09/16/1986	WIETING ET AL.	
	3	US- 5,078,803	01/07/1992	PIER ET AL.	
	4	US- 5,112,410	05/12/1992	CHEN	
	5	US- 5,486,238	01/23/1996	NAKAGAWA ET AL.	
	6	US- 5,474,939	12/12/1998	POLLOCK ET AL.	
	7	US- 5,731,031	03/24/1998	BHATTACHARYA ET AL.	
	8	US- 5,871,630	02/16/1999	BHATTACHARYA ET AL.	
	9	US- 6,061,977	05/16/2000	TOYAMA ET AL.	
	10	US- 6,259,015 B1	07/10/2001	NEGAMI ET AL.	
	11	US- 6,372,538 B1	04/16/2002	WENDT ET AL.	
	12	US- 2002/0043279 A1	04/18/2002	KARG	
	13	US- 2002/0043278 A1	04/18/2002	HASHIMOTO ET AL.	
	14	US- 6,534,704 B2	03/18/2003	HASHIMOTO ET AL.	
	15	US- 5,948,176	09/07/1999	RAMANATHAN ET AL.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ¹
		Country Code ³ Number Kind ⁴ Code ⁵ (if known)				

Examiner Signature /David Brunzman/ (07/18/2009)

Date Considered 07/18/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.